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	Filing Date		2003-09-24	
	First Named Inventor	VERMA		
	Art Unit	2167		
	Examiner Name	Dennis L. Vautrot		
Attorney Docket Number		3222-004		

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1	Bernstein, P. A., et al., "Concurrency Control and Recovery in Database Systems; Multiversion Concurrency Control," Concurrency Control and Recovery in Database Systems, Addison-Wesley, pages 143-166, 1987.	<input type="checkbox"/>
2	Anonymous, "Bonus C for Dummies Lesson 17-6 – Sorting a Structure," Internet Article, Onlined 2002, pgs 1-3. www.o-for-dummies.com/lessons/chapter.17/06. Retrieved on 12-21-2004.	<input type="checkbox"/>
3	Mohan, C., et al., "Efficient and Flexible Methods for Transient Versioning of Records to Avoid Locking by Read-Only Transaction," Proceedings of the ACM SIGMOD International Conference on Management of Data, pages 124-133, San Diego, June 2-5, 1992.	<input type="checkbox"/>
4	Greenwald et al., "Oracle Essentials: Oracle 8 & Oracle 8i – Chapter 7, Multuser Concurrency," Internet article, Onlined October 1999, pages 1-7. www.cs.wisc.edu/cs764-1/oracle.locking.html. Retrieved on 12-23-2004.	<input type="checkbox"/>
5	Molesky et al. " Recovery Protocols for Shared memory Database Systems", Association of Computing Machinery, 1995, pages 11-22.	<input type="checkbox"/>
6	Agrawal, D, Krishnaswamy, V. "Using multiversioning data for non-interfering execution of write-only transactions", SIGMOD Conference 91, 98-107.	<input type="checkbox"/>
7	Ahuja, M., Browne, J., "Performance Evaluation of Two Concurrency control Protocols for distributed data bases with multi-versioned entities", IEEE 1988, 426-436	<input type="checkbox"/>
8	Bayer, R., Heller H., Reiser, A., "Parallelism and Recovery in Database", Transactions on Database Systems, Vol. 5, No. 2, pp. 139-156, June 1980	<input type="checkbox"/>
9	Bernstein, P. and Goodman, N., "Multiversion Concurrency Control – Theory and Algorithms", ACM Transactions and Database Systems, Vol. 8, No. 4, pp 465-483, December 1983.	<input type="checkbox"/>
10	Berenson, et al, "A critique of ANSI SQL Isolation Levels, SIGMOD, San Jose, California 1995	<input type="checkbox"/>
11	Bober, P., Carey, M. "On Mixing Queries and Transactions via Multiversion Locking", ICDE Madison, Wisconsin, 1992. 535-545	<input type="checkbox"/>

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12	Bober, P., Carey, M., "Indexing for multiversion locking: alternatives an performance evaluation", IEEE Transactions on Knowledge and Data Engineering, Vol. 9, No. 1, Jan-Feb 1997.	<input type="checkbox"/>
13	Chan, A. et al, "The Implementation of an Integrated Concurrency Control and Recovery Scheme", Proceedings of the Association for Computing Machinery SIGMOD International Conference on Management of Data, Orlando, Florida, Jun. 1982	<input type="checkbox"/>
14	Lomet, D., MLR: A Recovery Method for Multi-level systems, ACM SIGMOS 1992	<input type="checkbox"/>
15	Kempster, T. et al., Diluting ACID, SIGMOD Record, Vol. 28, No. 4, Dec. 1999.	<input type="checkbox"/>
16	Lamport, L., On Interprocess Communication. Part I: Basic Formalism and Part II: Algorithms, Distributed Computing 1 (2): 77-101, 1986	<input type="checkbox"/>
17	Lomet, D., et al. "Access methods for multiversion data", D. Lomet, B. Salzberg, SIGMOD Conference 1989; 315-324.	<input type="checkbox"/>
18	Mohan, C., "Commit_LSN: A novel and simple method for reducing locking and latching in transaction processing systems", 16th VLDB Conference (Brisbane, Australia), August 1990	<input type="checkbox"/>
19	Mohan, C., Pirahesh, H., Lorie, R., "Efficient Flexible Methods for Transient Versioning of records to avoid locking by read-only transactions", ACM SIGMOD 1992	<input type="checkbox"/>
20	Oracle 9i Database concepts, Chapter 22, Date Concurrency and Consistency, on-line documentation at http://doc.oracle.com , July 2001.	<input type="checkbox"/>
21	Bober, P., Carey, M., "Multiversion Query Locking", P. Bober, M. Carey, Proceedings of the 18th VLDB Conference (Vancouver, British Columbia, Canada) 1992.	<input type="checkbox"/>
22	Reed, D., PhD Thesis, "Naming and Synchronization in a Decentralized Computer System", Technical Report MIT/LCS TR-205, Massachusetts Institute of Technology, pp 1-181, September 1978	<input type="checkbox"/>

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23	Robinson, J. et al., "Elimination of Lock Contention and Relational Databases Accessed by Read-Only Queries and On-Line Update Transactions", IBM Technical Disclosure Bulletin, pp. 180-185, Jun. 1988.	<input type="checkbox"/>
24	Stearns, Richard E. et al., "Distributed Database Concurrency Controls Using Before-Values", Proceedings of the Association for Computing Machinery SIGMOD International Conference on management of Data, Ann Arbor, Michigan, pp. 74-83, April 1981	<input type="checkbox"/>
25	"Times-Ten Team: In-Memory Data Management for Consumer Transactions The Times Then Approach", SIGMOD conference, Philadelphia, PA, pp. 528-529, 1999	<input type="checkbox"/>
26	Weikum, G., A theoretical foundation of multi-level concurrency control, Proc. Of ACM PODS Conf., March 1986.	<input type="checkbox"/>
27	Weikum G., Principles and realizations strategies of multilevel transaction management, ACM Transactions and Database Systems, Vol. 16, No. 1, pp. 132-180, March 1991	<input type="checkbox"/>

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- ☐ See attached certification statement.
- ☒ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
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A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Stephen S. Ford/	Date (YYYY-MM-DD)	2007-02-28
Name/Print	Stephen S. Ford	Registration Number	35139

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